

BEST AVAILABLE COPY

Form PTO-948 (Rev. 06/03)
 Application No. 10/049,277

U.S. DEPARTMENT OF COMMERCE
 U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 2-11-02 are:

- A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

- | | |
|---|---|
| <p>1. DRAWINGS. 37 CFR 1.84(e): Acceptable categories of drawings: Black ink or Color (3 sets required).</p> <p>Color drawings are not acceptable until petition is granted. Fig(s) _____
 Pencil and/or black ink not permitted. Fig(s) _____</p> | <p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)</p> <p>Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p> |
| <p>2. PHOTOGRAPHS. 37 CFR 1.84(b)</p> <p>One (1) full-tone set is required. Fig(s) _____
 Photographs may not be mounted. 37 CFR 1.84(c)
 Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____
 Poor quality (half-tone). Fig(s) _____</p> | <p>9. SCALE. 37 CFR 1.84(k)</p> <p>Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p> |
| <p>3. TYPE OF PAPER. 37 CFR 1.84(e)</p> <p>Paper not flexible, strong, white, and durable. Fig(s) _____
 Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____</p> | <p>10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)</p> <p>Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>2, 4, 5, 11</u></p> |
| <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
 21.0 cm by 21.7 cm (DIN size A4) or
 21.6 cm by 21.9 cm (8 1/2x 11 inches)
 All drawing sheets not the same size.
 Sheet(s) _____
 Drawing sheets not an acceptable size. Fig(s) _____</p> | <p>11. SHADING. 37 CFR 1.84(m)</p> <p>Solid black areas pale. Fig(s) _____
 Solid black shading not permitted. Fig(s) _____</p> |
| <p>5. MARGIN. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 Margins not acceptable. Fig(s) _____
 Top (T) _____ Left (L) _____
 Right (R) _____ Bottom (B) _____</p> | <p>12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)</p> <p>Numbers and reference characters not plain and legible. Fig(s) _____
 Figure legends are poor. Fig(s) _____
 Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)
 Fig(s) _____
 English alphabet not used. 37 CFR 1.84(p)(2)
 Fig(s) _____
 Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3), Fig(s) _____</p> |
| <p>6. VIEWS. 37 CFR 1.84(h)</p> <p>REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.
 Views not labeled separately or properly. Fig(s) _____</p> | <p>13. LEAD LINES. 37 CFR 1.84(q)</p> <p>Lead lines missing. Fig(s) _____</p> |
| <p>7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)</p> <p>Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p> | <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)</p> <p>Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____</p> |
| | <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u)</p> <p>Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> |
| | <p>16. DESIGN DRAWINGS. 37 CFR 1.152</p> <p>Surface shading shown not appropriate. Fig(s) _____
 Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____</p> |

COMMENT: :

Reviewer J. CHASE

If you have questions, call (703) 305-8404.

Date 7-7-04

Attachment to Paper No. _____